

ABSTRACT

With a tire vulcanizing system, a transfer device (4) for receiving a vulcanized tire K from a vulcanizer (1), and transferring the same to a post-cure inflator (2) to be delivered to a rim (21) of the post-cure inflator (2) is provided with a pair of gripper fingers (19A, 19B) for rotatably gripping the vulcanized tire K. The transfer device (4) holds the vulcanized tire K with the pair of gripper fingers (19A, 19B), and transfers the vulcanized tire K to the top of the rim, thereby rotating the same to a position where a rim-fitting peak value of the rim coincides with an RFV peak value of the vulcanized tire to be then placed on top of the rim before executing processing in the post-cure inflator (2).